

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/534,579
Source: IFWP
Date Processed by STIC: 7/13/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/534,579

CRF Edit Date: 2/13/06
Edited by: MC

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: 1 invalid beginning/end-of-file text ; 1 page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,579

DATE: 07/13/2006

TIME: 09:11:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07132006\J534579.raw

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1 <110> APPLICANT: INCYTE CORPORATION; Jiang, Xin;
2      Becha, Shanya D.; BULLOCH, Sean A.;
3      CHANG, Hsin-Ru; CHAWLA, Narinder K.;
4      ELLIOTT, Vicki S.; EMERLING, Brooke M.;
5      GIETZEN, Kimberly J.; HAFALIA, April J.A.;
6      JACKSON, Alan A.; KABLE, Amy E.;
7      KHARE, Reena; LEE, Soo Yeun;
8      MARQUIS, Joseph P.; MURAGE, Jaji;
9      SWARNAKAR, Anita; YANG, Yonghong G.
11 <120> TITLE OF INVENTION: LIPID-ASSOCIATED MOLECULES
13 <130> FILE REFERENCE: PF-1618 PCT
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/534,579
C--> 16 <141> CURRENT FILING DATE: 2005-05-11
18 <150> PRIOR APPLICATION NUMBER: US 60/426,105
19 <151> PRIOR FILING DATE: 2002-11-13
21 <150> PRIOR APPLICATION NUMBER: US 60/433,215
22 <151> PRIOR FILING DATE: 2002-12-12
24 <150> PRIOR APPLICATION NUMBER: US 60/453,127
25 <151> PRIOR FILING DATE: 2003-03-07
27 <150> PRIOR APPLICATION NUMBER: US 60/454,801
28 <151> PRIOR FILING DATE: 2003-03-13
30 <150> PRIOR APPLICATION NUMBER: US 60/465,619
31 <151> PRIOR FILING DATE: 2003-04-24
33 <150> PRIOR APPLICATION NUMBER: US 60/465,495
34 <151> PRIOR FILING DATE: 2003-04-24
36 <150> PRIOR APPLICATION NUMBER: US 60/491,800
37 <151> PRIOR FILING DATE: 2003-08-01
39 <160> NUMBER OF SEQ ID NOS: 42
40 <170> SOFTWARE: PERL Program
42 <210> SEQ ID NO: 1
43 <211> LENGTH: 114
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
47 <220> FEATURE:
48 <221> NAME/KEY: misc_feature
49 <223> OTHER INFORMATION: Incyte ID No: 7511098CD1
51 <400> SEQUENCE: 1
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53   1           5           10           15
54 Gly Thr Ala Trp Ala Arg Arg Ser Gln Asp Leu His Cys Gly Ala
55           20           25           30
56 Cys Arg Ala Leu Val Asp Glu Leu Glu Trp Glu Ile Ala Gln Val
57           35           40           45

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58 Asp Pro Lys Lys Thr Ile Gln Met Gly Ser Phe Arg Ile Asn Pro
59                               50                               55                               60
60 Asp Gly Ser Gln Ser Val Val Glu Cys Glu Ser Ile Val Glu Glu
61                               65                               70                               75
62 Tyr Glu Asp Glu Leu Ile Glu Phe Phe Ser Arg Glu Ala Asp Asn
63                               80                               85                               90
66 Val Lys Asp Lys Leu Cys Ser Lys Arg Thr Asp Leu Cys Asp His
67                               95                               100                              105
68 Ala Leu His Ile Ser His Asp Glu Leu
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72 <211> LENGTH: 87

73 <212> TYPE: PRT

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76 <220> FEATURE:

77 <221> NAME/KEY: misc_feature

78 <223> OTHER INFORMATION: Incyte ID No: 7522037CD1

80 <400> SEQUENCE: 2

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81 Met Gly Thr Arg Leu Leu Pro Ala Leu Phe Leu Val Leu Leu Val
82  1                               5                               10                               15
83 Leu Gly Phe Glu Val Gln Gly Thr Gln Gln Pro Gln Gln Asp Glu
84                               20                               25                               30
85 Met Pro Ser Pro Thr Phe Leu Thr Gln Val Lys Glu Ser Leu Ser
86                               35                               40                               45
87 Ser Tyr Trp Glu Ser Ala Lys Thr Ala Ala Gln Asn Leu Asp Leu
88                               50                               55                               60
89 Tyr Ser Lys Ser Thr Ala Ala Met Ser Thr Tyr Thr Gly Ile Phe
90                               65                               70                               75
91 Thr Asp Gln Val Leu Ser Val Leu Lys Gly Glu Glu
92                               80                               85

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94 <210> SEQ ID NO: 3

95 <211> LENGTH: 248

96 <212> TYPE: PRT

97 <213> ORGANISM: Homo sapiens

99 <220> FEATURE:

100 <221> NAME/KEY: misc_feature

101 <223> OTHER INFORMATION: Incyte ID No: 7524271CD1

103 <400> SEQUENCE: 3

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104 Met Ala Glu Ser His Leu Leu Gln Trp Leu Leu Leu Leu Leu Pro
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106 Thr Leu Cys Gly Pro Gly Thr Ala Ala Trp Thr Thr Ser Ser Leu
107                               20                               25                               30
108 Ala Cys Ala Gln Gly Pro Glu Phe Trp Cys Gln Ser Leu Glu Gln
109                               35                               40                               45
110 Ala Leu Gln Cys Arg Ala Leu Gly His Cys Leu Gln Glu Val Trp
111                               50                               55                               60
112 Gly His Val Gly Ala Asp Leu Ser Glu Gln Gln Phe Pro Ile Pro
113                               65                               70                               75
114 Leu Pro Tyr Cys Trp Leu Cys Arg Ala Leu Ile Lys Arg Ile Gln

```

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Input Set : A:\PTO.AMC.txt

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115	80	85	90
116	Ala Met Ile Pro Lys Gly Ala Leu Ala	Val Ala Val Ala Gln Val	
117	95	100	105
118	Cys Arg Val Val Pro Leu Val Ala Gly	Gly Ile Cys Gln Cys Leu	
119	110	115	120
120	Ala Glu Arg Tyr Ser Val Ile Leu Leu	Asp Thr Leu Leu Gly Arg	
121	125	130	135
122	Met Leu Pro Gln Leu Val Cys Arg Leu	Val Leu Arg Cys Ser Met	
123	140	145	150
124	Asp Asp Ser Ala Gly Pro Arg Glu Trp	Leu Pro Arg Asp Ser Glu	
125	155	160	165
126	Cys His Leu Cys Met Ser Val Thr Thr	Gln Ala Gly Asn Ser Ser	
127	170	175	180
128	Glu Gln Ala Ile Pro Gln Ala Met Leu	Gln Ala Cys Val Gly Ser	
131	185	190	195
132	Trp Leu Asp Arg Glu Lys Cys Lys Gln	Phe Val Glu Gln His Thr	
133	200	205	210
134	Pro Gln Leu Leu Thr Leu Val Pro Arg	Gly Trp Asp Ala His Thr	
135	215	220	225
136	Thr Cys Gln Ala Leu Gly Val Cys Gly	Thr Met Ser Ser Pro Leu	
137	230	235	240
138	Gln Cys Ile His Ser Pro Asp Leu		
139	245		
141	<210> SEQ ID NO: 4		
142	<211> LENGTH: 906		
143	<212> TYPE: PRT		
144	<213> ORGANISM: Homo sapiens		
146	<220> FEATURE:		
147	<221> NAME/KEY: misc_feature		
148	<223> OTHER INFORMATION: Incyte ID No: 7513132CD1		
150	<400> SEQUENCE: 4		
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153	Ala Pro Ser Asp Ala Glu Val Leu His	Leu Cys Arg Ser Leu Glu	
154	20	25	30
155	Val Gly Thr Val Met Thr Leu Phe Tyr	Ser Lys Lys Ser Gln Arg	
156	35	40	45
157	Pro Glu Arg Lys Thr Phe Gln Val Lys	Leu Glu Thr Arg Gln Ile	
158	50	55	60
159	Thr Trp Ser Arg Gly Ala Asp Lys Ile	Glu Gly Ala Ile Asp Ile	
160	65	70	75
161	Arg Glu Ile Lys Glu Ile Arg Pro Gly	Lys Thr Ser Arg Asp Phe	
162	80	85	90
163	Asp Arg Tyr Gln Glu Asp Pro Ala Phe	Arg Pro Asp Gln Ser His	
164	95	100	105
165	Cys Phe Val Ile Leu Tyr Gly Met Glu	Phe Arg Leu Lys Thr Leu	
166	110	115	120
167	Ser Leu Gln Ala Thr Ser Glu Asp Glu	Val Asn Met Trp Ile Lys	
168	125	130	135

RAW SEQUENCE LISTING

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DATE: 07/13/2006

TIME: 09:11:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07132006\J534579.raw

169	Gly	Leu	Thr	Trp	Leu	Met	Glu	Asp	Thr	Leu	Gln	Ala	Pro	Thr	Pro
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171	Leu	Gln	Ile	Glu	Arg	Trp	Leu	Arg	Lys	Gln	Phe	Tyr	Ser	Val	Asp
172					155					160					165
173	Arg	Asn	Arg	Glu	Asp	Arg	Ile	Ser	Ala	Lys	Asp	Leu	Lys	Asn	Met
174					170					175					180
175	Leu	Ser	Gln	Val	Asn	Tyr	Arg	Val	Pro	Asn	Met	Arg	Phe	Leu	Arg
176					185					190					195
177	Glu	Arg	Leu	Thr	Asp	Leu	Glu	Gln	Arg	Ser	Gly	Asp	Ile	Thr	Tyr
178					200					205					210
179	Gly	Gln	Phe	Ala	Gln	Leu	Tyr	Arg	Ser	Leu	Met	Tyr	Ser	Ala	Gln
180					215					220					225
181	Lys	Thr	Met	Asp	Leu	Pro	Phe	Leu	Glu	Ala	Ser	Thr	Leu	Arg	Ala
182					230					235					240
183	Gly	Glu	Arg	Pro	Glu	Leu	Cys	Arg	Val	Ser	Leu	Pro	Glu	Phe	Gln
184					245					250					255
185	Gln	Phe	Leu	Leu	Asp	Tyr	Gln	Gly	Glu	Leu	Trp	Ala	Val	Asp	Arg
186					260					265					270
187	Leu	Gln	Val	Gln	Glu	Phe	Met	Leu	Ser	Phe	Leu	Arg	Asp	Pro	Leu
188					275					280					285
189	Arg	Glu	Ile	Glu	Glu	Pro	Tyr	Phe	Phe	Leu	Asp	Glu	Phe	Val	Thr
190					290					295					300
191	Phe	Leu	Phe	Ser	Lys	Glu	Asn	Ser	Val	Trp	Asn	Ser	Gln	Leu	Asp
192					305					310					315
193	Ala	Val	Cys	Pro	Asp	Thr	Met	Asn	Asn	Pro	Leu	Ser	His	Tyr	Trp
196					320					325					330
197	Ile	Ser	Ser	Ser	His	Asn	Thr	Tyr	Leu	Thr	Gly	Asp	Gln	Phe	Ser
198					335					340					345
199	Ser	Glu	Ser	Ser	Leu	Glu	Ala	Tyr	Ala	Arg	Cys	Leu	Arg	Met	Gly
200					350					355					360
201	Cys	Arg	Cys	Ile	Glu	Leu	Asp	Cys	Trp	Asp	Gly	Pro	Asp	Gly	Met
202					365					370					375
203	Pro	Val	Ile	Tyr	His	Gly	His	Thr	Leu	Thr	Thr	Lys	Ile	Lys	Phe
204					380					385					390
205	Ser	Asp	Val	Leu	His	Thr	Ile	Lys	Glu	His	Ala	Phe	Val	Ala	Ser
206					395					400					405
207	Glu	Tyr	Pro	Val	Ile	Leu	Ser	Ile	Glu	Asp	His	Cys	Ser	Ile	Ala
208					410					415					420
209	Gln	Gln	Arg	Asn	Met	Ala	Gln	Tyr	Phe	Lys	Lys	Val	Leu	Gly	Asp
210					425					430					435
211	Thr	Leu	Leu	Thr	Lys	Pro	Val	Glu	Ile	Ser	Ala	Asp	Gly	Leu	Pro
212					440					445					450
213	Ser	Pro	Asn	Gln	Leu	Lys	Arg	Lys	Ile	Leu	Ile	Lys	His	Lys	Lys
214					455					460					465
215	Leu	Ala	Glu	Gly	Ser	Ala	Tyr	Glu	Glu	Val	Pro	Thr	Ser	Met	Met
216					470					475					480
217	Tyr	Ser	Glu	Asn	Asp	Ile	Ser	Asn	Ser	Ile	Lys	Asn	Gly	Ile	Leu
218					485					490					495
219	Tyr	Leu	Glu	Asp	Pro	Val	Asn	His	Glu	Trp	Tyr	Pro	His	Tyr	Phe

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,579

DATE: 07/13/2006

TIME: 09:11:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07132006\J534579.raw

220		500		505		510									
221	Val	Leu	Thr	Ser	Ser	Lys	Ile	Tyr	Tyr	Ser	Glu	Glu	Thr	Ser	Ser
222					515					520					525
223	Asp	Gln	Gly	Asn	Glu	Asp	Glu	Glu	Glu	Pro	Lys	Glu	Val	Ser	Ser
224					530					535					540
225	Ser	Thr	Glu	Leu	His	Ser	Asn	Glu	Lys	Trp	Phe	His	Gly	Lys	Leu
226					545					550					555
227	Gly	Ala	Gly	Arg	Asp	Gly	Arg	His	Ile	Ala	Glu	Arg	Leu	Leu	Thr
228					560					565					570
229	Glu	Tyr	Cys	Ile	Glu	Thr	Gly	Ala	Pro	Asp	Gly	Ser	Phe	Leu	Val
230					575					580					585
231	Arg	Glu	Ser	Glu	Thr	Phe	Val	Gly	Asp	Tyr	Thr	Leu	Ser	Phe	Trp
232					590					595					600
233	Arg	Asn	Gly	Lys	Val	Gln	His	Cys	Arg	Ile	His	Ser	Arg	Gln	Asp
234					605					610					615
235	Ala	Gly	Thr	Pro	Lys	Phe	Phe	Leu	Thr	Asp	Asn	Leu	Val	Phe	Asp
236					620					625					630
237	Ser	Leu	Tyr	Asp	Leu	Ile	Thr	His	Tyr	Gln	Gln	Val	Pro	Leu	Arg
238					635					640					645
239	Cys	Asn	Glu	Phe	Glu	Met	Arg	Leu	Ser	Glu	Pro	Val	Pro	Gln	Thr
240					650					655					660
241	Asn	Ala	His	Glu	Ser	Lys	Glu	Trp	Tyr	His	Ala	Ser	Leu	Thr	Arg
242					665					670					675
243	Ala	Gln	Ala	Glu	His	Met	Leu	Met	Arg	Val	Pro	Arg	Asp	Gly	Ala
244					680					685					690
245	Phe	Leu	Val	Arg	Lys	Arg	Asn	Glu	Pro	Asn	Ser	Tyr	Ala	Ile	Ser
246					695					700					705
247	Phe	Arg	Ala	Glu	Gly	Lys	Ile	Lys	His	Cys	Arg	Val	Gln	Gln	Glu
248					710					715					720
249	Gly	Gln	Thr	Val	Met	Leu	Gly	Asn	Ser	Glu	Phe	Asp	Ser	Leu	Val
250					725					730					735
251	Asp	Leu	Ile	Ser	Tyr	Tyr	Glu	Lys	His	Pro	Leu	Tyr	Arg	Lys	Met
252					740					745					750
253	Lys	Leu	Arg	Tyr	Pro	Ile	Asn	Glu	Glu	Ala	Leu	Glu	Lys	Ile	Gly
254					755					760					765
255	Thr	Ala	Glu	Pro	Asp	Tyr	Gly	Ala	Leu	Tyr	Glu	Gly	Arg	Asn	Pro
256					770					775					780
257	Gly	Phe	Tyr	Val	Glu	Ala	Asn	Pro	Met	Pro	Thr	Phe	Lys	Cys	Ala
258					785					790					795
261	Val	Lys	Ala	Leu	Phe	Asp	Tyr	Lys	Ala	Gln	Arg	Glu	Asp	Glu	Leu
262					800					805					810
263	Thr	Phe	Ile	Lys	Ser	Ala	Ile	Ile	Gln	Asn	Val	Glu	Lys	Gln	Glu
264					815					820					825
265	Gly	Gly	Trp	Trp	Arg	Gly	Asp	Tyr	Gly	Gly	Lys	Lys	Gln	Leu	Trp
266					830					835					840
267	Phe	Pro	Ser	Asn	Tyr	Val	Glu	Glu	Met	Val	Asn	Pro	Val	Ala	Leu
268					845					850					855
269	Glu	Pro	Glu	Arg	Glu	His	Leu	Asp	Glu	Asn	Ser	Pro	Leu	Gly	Asp
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/534,579

DATE: 07/13/2006

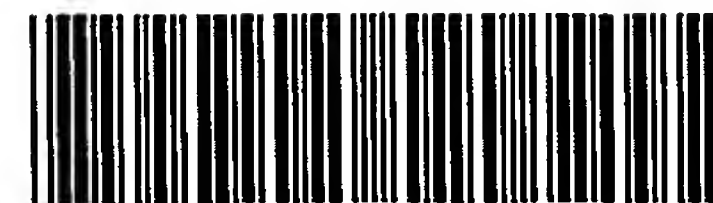
TIME: 09:11:03

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07132006\J534579.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,579

DATE: 07/11/2006

TIME: 10:54:19

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

1 <110> APPLICANT: INCYTE CORPORATION; Jiang, Xin;
 2 Becha, Shanya D.; BULLOCH, Sean A.;
 3 CHANG, Hsin-Ru; CHAWLA, Narinder K.;
 4 ELLIOTT, Vicki S.; EMERLING, Brooke M.;
 5 GIETZEN, Kimberly J.; HAFALIA, April J.A.;
 6 JACKSON, Alan A.; KABLE, Amy E.;
 7 KHARE, Reena; LEE, Soo Yeun;
 8 MARQUIS, Joseph P.; MURAGE, Jaji;
 9 SWARNAKAR, Anita; YANG, Yonghong G.
 11 <120> TITLE OF INVENTION: LIPID-ASSOCIATED MOLECULES
 13 <130> FILE REFERENCE: PF-1618 PCT
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/534,579
 C--> 16 <141> CURRENT FILING DATE: 2005-05-11
 18 <150> PRIOR APPLICATION NUMBER: US 60/426,105
 19 <151> PRIOR FILING DATE: 2002-11-13
 21 <150> PRIOR APPLICATION NUMBER: US 60/433,215
 22 <151> PRIOR FILING DATE: 2002-12-12
 24 <150> PRIOR APPLICATION NUMBER: US 60/453,127
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 33 <150> PRIOR APPLICATION NUMBER: US 60/465,495
 34 <151> PRIOR FILING DATE: 2003-04-24
 36 <150> PRIOR APPLICATION NUMBER: US 60/491,800
 37 <151> PRIOR FILING DATE: 2003-08-01
 39 <160> NUMBER OF SEQ ID NOS: 42
 40 <170> SOFTWARE: PERL Program

**Does Not Comply
Corrected Diskette Needed**

ERRORED SEQUENCES

2711 <210> SEQ ID NO: 42
 2712 <211> LENGTH: 3814
 2713 <212> TYPE: DNA
 2714 <213> ORGANISM: Homo sapiens
 2716 <220> FEATURE:
 2717 <221> NAME/KEY: misc_feature
 2718 <223> OTHER INFORMATION: Incyte ID No: 7520475CB1
 2720 <400> SEQUENCE: 42
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,579

DATE: 07/11/2006

TIME: 10:54:19

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

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2725 tcaggacctt ttcggccagg aatcctttgt gtttgaaccc aactgcctct tcaaagtgga 300
2726 tgagtttggc ttctttctga catggagaag tgaaggcaag gaaggacagg tgctagaatg 360
2727 ctccctcatc aacagtattc ggtcgggagc cataccaaag gatcccaaaa tcttggtctg 420
2728 tcttgaagct gttggaataa cagaaaatga tctggaaggc cggatagttt gtgtctgcag 480
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2739 ttatgatgcc aaaagggcaa tgcagatcat tgagatgtat gaacctgatg aagatttgaa 1020
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2742 cttcatcagt tcttcccata acacttatct cactggcaga cagttcggcg ggaagtcttc 1200
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2748 tgaaccaggc agggctttgc catcccccaa tgacctcaa agaaaaatac tcataaaaaa 1560
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2753 agaagatgag caggcgtgga tggcatctta taaatatgta ggtgctacca ctaatatcca 1860
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2764 gatcctgccg gacctggctg tcttgagaat agctgtgtat gatgataaca acaagctgat 2520
2765 tggccagagg atcctcccg c ttgatggcct ccaagccgga tatcgacaca tttcccttcg 2580
2766 aaatgaggga aataaaccat tatcactacc aacaattttc tgcaatattg ttcttaaaac 2640
2767 atatgtgcct gatggatttg gagatatcgt ggatgcttta tcagatccaa agaaatttct 2700
2768 ctcaattaca gaaaagagag cagaccaa at gagagctatg ggcattgaaa ctagtgacat 2760
2769 agccgacgtg cccagtga ca cttccaaaaa tgacaagaaa ggaaaggcca acaccgcaa 2820
2770 agcaaatgtg acccctcaga gtagctctga gctcagacca accaccagg ctgccctggc 2880
2771 ctctggtgtg gaagccaaga aaggtattga acttatccct caagtaagga tagaagactt 2940
2772 aaagcagatg aaggcttact tgaagcattt aaagaaacag cagaaggagc taaattcttt 3000
2773 aaagaagaaa catgcaaagg aacacagtac catgcagaag ttacactgca cgcaagttga 3060

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,579

DATE: 07/11/2006

TIME: 10:54:19

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

```
2774 caaaattgtg gcacagtatg acaaagagaa gtcgactcat gagaaaatcc tagagaaggc 3120
2775 aatgaagaag aaggggggaa gtaattgtct cgaaatgaaa aaagaaacag aaatcaaaat 3180
2776 tcagacgctg acatcagatc acaaatctaa gggaaagcaa ggaaatgcga gcacaccagg 3240
2777 ctaagatttc tatggaaaat agcaaagcca tcagccaaga taaatctatc aagaataaag 3300
2778 cagaacggga aaggcgagtc agggagttaa acagcagcaa cactaaaaag tttctggaag 3360
2779 aaagaaagag acttgccatg aagcagtcca aagaaatgga tcagttgaaa aaagtccagc 3420
2780 ttgaacatct agaattccta gagaaacaga atgagcagct tttgaaatcc tgtcatgcag 3480
2781 tgtcccaaac gcaaggcgaa ggagatgcag cagatgggtga aattggaagc cgagatggac 3540
2782 cgcagaccag caacagtagt atgaaactcc aaaatgcaaa ctgaagcagc aaaccacaaa 3600
2783 agcatcaaaa gactcactca caaacttctg aacacaaact ccatggatga aagctgttta 3660
2784 ttttgtttcc tttatgtgta aacaagatga tatctgaaac cagagagact tggaatgtct 3720
2785 gactgacttc tatttaacag cttgagtatt gcatttcctt ggccaaacaa aatagctaca 3780
2786 aatccacaaa aataaaccgg ttccagcaca ctga 3814
```

E--> 2789 PF-1618 PCT

E--> 2795 1?2

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/534,579

DATE: 07/11/2006

TIME: 10:54:20

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2789 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:2
L:2795 M:254 E: No. of Bases conflict, LENGTH:Input:2 Counted:3815 SEQ:42
L:2795 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:2795 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3814 Found:3815 SEQ:42